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Docket No.: SHW-009US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Anand Ranganathan

Application No.: 10/009873

Confirmation No.: 4622

Filed: November 1, 2002

Art Unit: 1634

For: DNA MANIPULATION METHODS AND
APPLICATIONS FOR SYNTHETIC
ENZYMES

Examiner: Lu, Frank Wei Min

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir:

This communication is responsive to the Office Action dated January 3, 2006 which issued in the above-identified application. Responsive to the Office Action, please amend the above-identified U.S. patent application as follows.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 6 of this paper.

Amendments to the Drawings begin on page 11 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Amendments to the Abstract begin on page 12 of this paper.

Remarks/Arguments begin on page 13 of this paper.

An **Appendix A** including amended drawing figures is attached following page 21 of this paper.